



# ELECTRO BROADCASTERS

For Spreading and Seeding

Logic spreading systems include the EBC range of electro broadcasters, developed to operate via the carrying vehicle's 12v electrical system, which provide great versatility and accuracy especially when applying low volume rates.



Designed for the grassland farmer with accurate low rates achievable for grass and rape seed, clover, stubble turnips, etc.

EBC-TFS80



EBC-TFS80



EBC-TFS120PSL mounted on TPL115

The range includes two hopper sizes of 85 litres (above left) and 130 litres (above right). The 85 litre hopper is ideal for mounting on an ATV where high operational speed and low ground pressure can provide very high work rates. The 130 litre hopper gives extra capacity when used on larger vehicles such as UTVs, tractors and self-propelled sprayers.

The Electro Broadcaster range is designed to spread a wide range of products including slug pellets, fertiliser, all types of seed, trace elements and minerals, etc. The all-welded galvanised frame, polyethylene hopper and stainless steel metering plate ensure a long, trouble free life.



Flow rate adjustment: the unique metering plate mechanism is key to this reliable and accurate system. Twin feed apertures allow for large and small products to be successfully handled - even when a very low application rate is required.



Bias setting: this adjustment is cleverly incorporated into the metering plate, compensating for the different characteristics of each type of product. In this way, even spreading can be consistently achieved.



Low impact delivery system - this central cone, unique to Logic machines, reduces the impact of the product hitting the high-speed spinning disc (left). When slug pelleting or spreading fertiliser this minimises 'dusting' (when the product breaks up on impact with the disc). It is also a major benefit when broadcasting seeds, as they are protected from damage compared with some other systems. This leads to higher germination rates.

## Key Features - all EBC Models

- ▶ High quality construction with stainless steel metering parts.
- ▶ Unique metering plate, suitable for small seeds & low application rates.
- ▶ Easy adjustment of flow rate and bias setting.
- ▶ Can be secured on either horizontal or vertical mounting.
- ▶ Low impact delivery system to prevent break up of pellets.
- ▶ Translucent hopper shows contents level at a glance.
- ▶ Spread width options up to 30.0 metres.



Designed & manufactured in the UK... top quality equipment that works!



Video available online

A video of the Electro Broadcaster range in action is available on our website at [LogicToday.co.uk](http://LogicToday.co.uk)

# ▶ ELECTRO BROADCASTERS 85 litre and 130 litre capacities

Logic's larger electro broadcaster model is ideal for UTVs, tractors and self-propelled sprayers. All hoppers are translucent which allows product fill level to be checked at a glance and have an outlet drain cap to allow quick and simple emptying of unused material from the hopper.

EBC-TFS120PSL with 130 litre hopper and powered flow shut-off control.

The range has two motor sizes. The EBC-TFS80 range uses a motor with a power demand that is compatible with most ATV electrical systems. The EBC-TFS120 range uses a significantly uprated motor which is capable of delivering consistently wider spread widths; this range has been designed to suit the electrical systems found on larger vehicles such as tractors or self-propelled sprayers and is therefore recommended for UTV use (see chart below).



Powered Control Box - all powered models are supplied with a control box which comes with a 'disc control' ON/OFF and a 'flow control' OPEN/CLOSED switch.

Both powered control box units are supplied with plenty of cable to allow 'in cab' positioning of the control box, close to the operator.

Powered Synchro Control Box - all powered synchro models are supplied with a control box which has the additional feature of a variable disc speed control dial allowing the operator to alter the spread width, particularly useful when working with drills/harrows, etc. where reducing the spread width to match that of the implement is important.

This control box also incorporates a 'turbo drive' switch which provides maximum power to the disc ensuring 'slug pellets' reach 24.0 metre tramline widths and beyond.



TPL115 Mounting frame (left) for 3 point linkage on tractors, suitable for larger electro broadcasters when spreading grass seed mixtures, fertilisers, etc.

Model	Capacity	Control system	Spread width		Suitable vehicle
			Slug Pellets*	Grass seed	
EBC-TFS80	85 litres	Manual	12.0 - 24.0 metres	Up to 6.0 metres	ATV only
EBC-TFS80P	85 litres	Powered	12.0 - 24.0 metres	Up to 6.0 metres	ATV, UTV, 4x4, tractor, self-propelled sprayer
EBC-TFS80PS	85 litres	Synchro - variable speed	Variable up to 24.0 metres	Variable up to 6.0 metres	ATV, UTV, 4x4, tractor, self-propelled sprayer
EBC-TFS120P	85 litres	Powered	24.0 - 30.0 metres	Up to 6.0 metres	UTV, 4x4, tractor, self-propelled sprayer
EBC-TFS120PL	130 litres	Powered	24.0 - 30.0 metres	Up to 6.0 metres	UTV, 4x4, tractor, self-propelled sprayer
EBC-TFS120PS	85 litres	Synchro - variable speed	Variable up to 30.0 metres	Variable up to 6.0 metres	UTV, 4x4, tractor, self-propelled sprayer
EBC-TFS120PSL	130 litres	Synchro - variable speed	Variable up to 30.0 metres	Variable up to 6.0 metres	UTV, 4x4, tractor, self-propelled sprayer

Note: \* Maximum slug pellet spread widths are achievable subject to the following: Good quality slug pellets (wet extruded 2.7mm min), suitable voltage output from vehicle, minimum disc height of 1.8m, maximum forward speed of 16kph (10mph) and suitable weather conditions.



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